

MILITARY SPECIFICATION

SWITCHES, ROTARY, MULTIPOLE AND SELECTOR; GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-S-21604D(SH), dated 20 August 1992, and is approved for use by the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense

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Beneficial comments box, delete existing preparing activity address and substitute the following:

"Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Supply Center Columbus, ATTN: DSCC-VAM, Post Office Box 3990, Columbus, OH 43216-5000 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

PAGE 6

Paragraph 3.5.3.3, Delete

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Paragraph 3.19, Delete "(see 4.8.13)" and substitute "(see 4.8.15)"

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Paragraph 4.5.1, First sentence, Delete "or as specified (see 6.2)"

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TABLE II, Delete and Substitute the following,

Table II. Qualification inspection.

Inspection	Requirement	Test Method	Sample number 1/ 2/					
			1	2	3	4	5	6
Visual and mechanical examination	3.3, 3.4 - 3.5.7 incl. 3.20 & 3.21	4.8.1	1	1	1	1	1	1
Circuit configuration	3.6	4.8.2	2	2	2	2	2	2
Torque	3.8	4.8.4	3	3	3	3	3	3
Terminal Strength	3.9	4.8.5	4	4	4	4		
Dielectric withstanding voltage	3.10	4.8.6	5	5	5	5	4	4
Temperature rise	3.14	4.8.10	6	6				
Endurance	3.13	4.8.9	7	7				
Temperature rise	3.14	4.8.10	8	8				
Vibration	3.15	4.8.11			6	6		
Shock	3.16	4.8.12			7	7		
Strength of mounting bushing	3.7	4.8.3			8	8	5	5
Moisture resistance	3.17	4.8.13					6	
Salt Spray	3.18	4.8.14						6
Seal (style JF)	3.19	4.8.15	9	9	9	9	7	7
Dielectric withstanding voltage	3.10	4.8.6	10	10	10	10	8	8
Insulation resistance	3.11	4.8.7	11	11	11	11	9	9
Contact resistance	3.12	4.8.8	12	12	12	12	10	10
Torque	3.8	4.8.4	13	13	13	13	11	11
Circuit configuration	3.6	4.8.2	14	14	14	14	12	12
Visual and mechanical examination	3.3, 3.4 - 3.5.7 incl. 3.20 & 3.21	4.8.1	15	15	15	15	13	13

1/ Sample units shall include at least one switch of each rotor contact configuration.

2/ Samples 3 and 4 shall have the greatest number of sections listed in the applicable specification sheet.

TABLE III, Column II ,delete "Style JM" and substitute "Style JFM"

TABLE III, Column II, delete "Style JRM304" and substitute "Style JRM300"

Paragraph 4.5.2, delete the first sentence and substitute the following, "Every 12 months, the manufacturer shall provide verification of qualification to the qualifying activity. Continuation is based on meeting the following requirements:

- Design of switch has not been modified (every 12 months).
- Verification of group A lot acceptance (every 12 months) (see 4.6.2).
- Periodic group B inspection (every 24 months) (see 4.6.3)."

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Add:

"Paragraph 4.7.2.1.1 At the request of the manufacturer group C testing may be suspended with the qualifying activity's approval. If the design, material, construction, or processing is changed or if there are any quality problems or failures, the qualifying activity may require resumption of the original testing requirement. Regardless of reduction of tests, the manufacturer shall supply product capable of passing the prescribed tests.

CONCLUDING MATERIAL

Custodians:
Navy - SH
DLA - CC

Preparing activity:
DLA - CC

Project (5930-1715)